



# **PCT**

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2002-057	FOR FURTHER ACTION	1	See Form PCT/IPEA/416	
		Priority date (day/month/year) 26 August 2002 (26.08.2002)		
International Patent Classification (IPC) or national classification and IPC A61C 19/00, 8/00				
Applicant OSAKA II	NDUSTRIAL PROMOT	ION ORGA	NIZATION	
This report is the international prelin     Authority under Article 35 and trans	This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.			
<ol> <li>This REPORT consists of a total of</li> <li>This report is also accompanied by a</li> </ol>		ding this cover	sheet	
•	to the International Bureau)	a total of	sheets, as follows:	
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).				
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.				
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))  , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).				
4. This report contains indications relating to the following items:				
Box No. I Basis of the r	eport			
Box No. II Priority	ment of eninian with record t	o novelty inve	ntive step and industrial applicability	
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  Box No. IV Lack of unity of invention				
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No. VI Certain documents cited				
Box No. VII Certain defects in the international application				
Box No. VIII Certain observations on the international application				
Date of submission of the demand Date of completion of the		of this report		
05 March 2004 (05.03.2004)		08 November 2004 (08.11.2004)		
Name and mailing address of the IPEA/JP	Name and mailing address of the IPEA/JP  Authorized officer			
Facsimile No.	Tei	ephone No.		

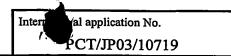
Translation



# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

With regard to the Ianguage, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.  This report is based on translations from the original language into the following language which is language of a translation threshold for the purpose of:  International search (under Rules 12.4)    publication of the international application (under Rules 12.4)   publication of the international application (under Rules 12.4)   publication of the international application (under Rules 12.4)   international preliminary examination (under Rules 12.4)   publication of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an troitation under Article 14 are referred to in this report as "originally filed" and are not amessed to this report:    The international application as originally filed/furnished the description:   pages	Box No	. I	Basis of the report	
which is language of a translation furnished for the purpose of:    International search (under Rules 12.3 and 23.1(b))   publication of the international application (under Rule 12.4)   International preliminary examination (under Rule 12.4)   International preliminary examination (under Rules 55.2 and/or 55.3)  2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an irritation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):   The international application as originally filed/furnished the description:   pages	1. With other	regard	d to the language, this report is based on the international application in the language in indicated under this item.	which it was filed, unless
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* If item 4 applies, some or all of those sheets may be marked "superseded."  Form PCT/IPEA/409 (Box No. I) (January 2004)  BEST AVAILABLE COPY	1	L	any taole(s) related to sequence listing (specify):	
Form PCT/IPEA/409 (Box No. I) (January 2004)  BEST AVAILAGE	* If i	item 4 d	applies, some or all of those sheets may be marked "superseded."	AN ARIE COPY
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#### INTERNATIONAL PRELIMITARY REPORT ON PATENTABILITY



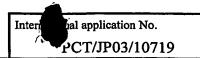
Box No. I	II Non-establishment of opinion	with regard to novelty, inventive step and industria	l applicability
The ques	tions whether the claimed invention are have not been examined in respect of	appears to be novel, to involve an inventive step (to be of:	e non obvious), or to be industrially
	the entire international application.		
$\boxtimes$	claims Nos. 10-	13	
becaus	e:		
	the said international application, or relate to the following subject matter	r the said claims Noser which does not require an international preliminary of	examination (specify):
		·	
		•	
į			
	the description, claims or drawings are so unclear that no meaningful or	(indicate particular elements below) or said claims No	os
	me so unesem mus no memmigrar of	pinon could be formed (specify).	
	·		•
	the claims, or said claims Nos by the description that no meaningfi	ful opinion could be formed.	_ are so inadequately supported
$\boxtimes$	no international search report has be	een established for said claims Nos.	10-13 .
	-		
	the nucleotide and/or amino acid se Administrative Instructions in that:	equence listing does not comply with the standard prov	ided for in Annex C of the
	the written form	has not been furnished	
İ		does not comply with the standard	
	the computer readable form	has not been furnished	
		does not comply with the standard	
	the tables related to the nucleotide a	and/or amino acid sequence listing, if in computer read	able form only, do not comply with
F	the technical requirements provided	I for in Annex C-bis of the Administrative Instructions	•
	see Supplemental Box for further de	etails.	

## INTERNATIONAL PRELIMITARY REPORT ON PATENTABILITY

Intern	al application No.
(A-	PCT/JP03/10719

Box No. IV Lack of unity of invention
1. In response to the invitation to restrict or pay additional fees the applicant has:
restricted the claims.
paid additional fees.
paid additional fees under protest.
neither restricted nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is
complied with.
not complied with for the following reasons:
Main invention (first invention): claims 1-9, 14-15 Second invention: Claim 10 Third invention: Claim 11 Fourth invention: Claim 12 Fifth invention: Claim 13  Claims 10-13 pertain to a "guide member manufacturing device," "sensor device," "drill," and an "artificial tooth manufacturing device," but all of these inventions merely utilize data generated by the "artificial tooth root implantation position determining instrument" of any one of claims 1-8. There is nothing that includes the entire specified device; therefore, the respective inventions do not appear to have a technical relationship that includes the same or corresponding technical feature as in claims 1-8. Also, claims 10-13 do not appear to have a technical relationship expressed by the same or corresponding special technical feature.  Therefore, this international application includes five inventions that do not satisfy the requirement of unity of invention.
4. Consequently, this report has been established in respect of the following parts of the international application:  all parts.
the parts relating to claims Nos. 1-9, 14-15





Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement		·	
Novelty (N)	Claims	1-9, 14-15	YES
	Claims		NO
Inventive step (IS)	Claims	1-9, 14-15	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-9, 14-15	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

Document 1: JP, 2003-88537, A (K.K. YUNISUN), 25 March 2003 (25.03.03), full text, all drawings

Claims 1-9, 14-15

Document 1 describes a device and method that find the three-dimensional shape, etc. of a patient's jawbone and teeth roots based on three-dimensional data created by synthesizing three-dimensional data on dentition and CT data on the jawbone obtained from the patient, and create a three-dimensional mold.

Nevertheless, determining an artificial tooth root implantation position in the constitution in the inventions relating to claims 1-9 and 14-15 is not described in any of the documents cited in the ISR and is non-obvious to a person skilled in the art.

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